

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,057,999 B2
APPLICATION NO. : 09/764158
DATED : June 6, 2006
INVENTOR(S) : Young-min Cheong et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 14, line 43, change "680 mn" to -- 680 nm --

Column 16, line 32, change "lease" to -- least --

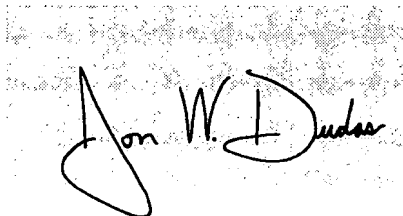
Column 20, lines 30-31 change

"the VCSEL emits light along a optical axis along the surface of the substrate" to
-- the VCSEL emits light along a optical axis transverse to a surface of the substrate;
and the photodetector is offset from the optical axis along the surface of the substrate. --

Column 20, lines 32-38 delete "54. The optical head of claim 53, wherein the
photodetector surrounds the VCSEL. 55. The optical head of claim 53, wherein: the
VCSEL emits light along a optical axis transverse to a surface of the substrate; and the
photodetector is offset from the optical axis along the surface of the substrate."

Signed and Sealed this

Third Day of April, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas", is written over a rectangular area with a light gray, textured background.

JON W. DUDAS
Director of the United States Patent and Trademark Office